

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: March 5, 2002, 12:26:16 ; Search time 12.73 Seconds
(without alignments)
655,830 Million cell updates/sec

Title: US-09-376-430-2
Perfect score: 1995
Sequence: 1 MGRVLVLMCAVFLLGWMA.....DVTIGGFTFVMDRSTVAL 371

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA*
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep.*
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep.*
3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep.*
4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep.*
5: /cgn2_6/ptodata/2/1aa/PCITUS.COMB.pep.*
6: /cgn2_6/ptodata/2/1aa/Backfilest1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	205	10.3	369	2	US-08-424-224-2
2	205	10.3	369	5	PCT-US94-02891-69
3	195	9.8	347	1	US-08-052-205-7
4	195	9.8	347	1	US-08-595-974-7
5	195	9.8	369	1	US-08-052-205-4
6	195	9.8	369	1	US-08-595-974-4
7	176	8.8	538	3	US-09-040-005-2
8	176	8.8	538	4	US-09-522-217-115
9	162.5	8.1	427	4	US-08-969-125-9
10	159.5	8.0	230	1	US-08-052-205-11
11	159.5	8.0	230	1	US-08-595-974-11
12	159.5	8.0	252	1	US-08-052-205-9
13	159.5	8.0	252	1	US-08-595-974-9
14	155	7.8	383	1	US-08-609-572-2
15	155	7.8	383	4	US-08-841-751-2
16	155	7.8	383	4	US-08-846-340-2
17	155	7.8	383	4	US-08-846-344-2
18	144.5	7.2	522	2	US-08-850-293-5
19	144.5	7.2	522	1	US-08-164-614A-10
20	144.5	7.2	522	2	US-08-456-489B-10
21	135	6.8	459	6	5194375-2
22	131.5	6.6	468	1	US-08-164-614A-7
23	131.5	6.6	468	1	US-08-456-489B-7
24	131.5	6.6	536	2	US-08-164-614A-12
25	131.5	6.6	536	2	US-08-456-489B-12
26	131.5	6.3	897	1	US-07-960-389-2
27	126.5	6.3	551	4	US-09-194-145-2

28	126.5	6.3	551	6	5198359-2	Patent No. 5198359
29	126.5	6.3	551	6	5449756-2	Patent No. 5449756
30	121	6.1	379	1	US-08-164-614A-8	Sequence 8, Appli
31	121	6.1	379	2	US-08-456-489B-8	Sequence 8, Appli
32	119.5	6.0	380	4	US-08-609-572-4	Sequence 4, Appli
33	119.5	6.0	380	4	US-08-841-751-4	Sequence 4, Appli
34	119.5	6.0	380	4	US-08-846-340-4	Sequence 4, Appli
35	119.5	6.0	380	4	US-08-846-344-4	Sequence 4, Appli
36	118	5.9	258	1	US-08-336-708A-10	Sequence 10, Appli
37	113	5.7	325	2	US-08-683-743-4	Sequence 4, Appli
38	109	5.5	620	2	US-09-000-145-1	Sequence 1, Appli
39	108	5.4	382	2	US-08-078-311-3	Sequence 3, Appli
40	108	5.4	382	2	US-08-460-402-3	Sequence 2, Appli
41	104.5	5.2	599	4	US-09-000-145-2	Sequence 3, Appli
42	101.5	5.1	626	1	US-08-184-327A-2	Sequence 2, Appli
43	101.5	5.1	626	5	PCT-US95-00670-2	Sequence 2, Appli
44	101.5	5.1	633	1	US-08-250-859-17	Sequence 17, Appli
45	101.5	5.1	633	1	US-08-490-803-17	Sequence 17, Appli

ALIGNMENTS

RESULT 1
US-08-424-224-2
; Sequence 2, Application US/08424224
; Patent No. 5912173
GENERAL INFORMATION:
APPLICANT: LEONARD, WARREN J.
TITLE OF INVENTION: MURINE IL-2R CDNA AND
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/424,224
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/121,435
FILING DATE: 14-SEPT-1993
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM S. FEILDER
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4061US1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
TELEFAX: 212-751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 369
TYPE: AMINO ACID
TOPOLOGY: UNKNOWN
MOLECULE TYPE:
DESCRIPTION: PROTEIN
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: MURINE
INDIVIDUAL ISOLATE: IL-2R
US-08-424-224-2

Query Match 10.3%; Score 205; DB 2; Length 369;
 Best Local Similarity 26.5%; Pred. No. 2e-13;
 Matches 75; Conservative 47; Mismatches 103; Indels 58; Gaps 16;

OY 31 QIOIIFNLETVQVWNSKYSR--TNLFHFRF--NGEADVQCTNLTLOGHSGCLD 87
 Db 59 EVOCEVFIEIEMNCTWNSSEPOATNLTLYRYKSDNNTFOECSHYLFSEKITSQCI- 117
 OY 88 AEQRDDI-LY----FSIRNGTHPVYASRMVYYIK-----PSPKHVRS----- 128
 Db 118 --QKEDIQYQTVVQLODPQK-----QRAVQKLNQNLVIRAPENLTLSNSESQLE 171
 OY 129 --WHODAVTVCSDSLSDLYEYQYRSPDTEMOSQEN--TCNVTTIEGLDAEKYCFWY 185
 Db 172 LRWKSRIKERC-----LQYLYQYNSNRDSMTLIVNHEPRFSLPSVDELKRYTFRY 224
 OY 186 RVKAMEDVYGPDPYPSDMSEVTCWQGEIRDACAEPTPPKPKL--SKFTLISLAILLM 243
 Db 225 RSR-YNPICGSSQOWSKSQPVHMGSHTYE-----NPSLFALEAVLIVGTGMLI 274
 OY 244 VSLILSLMKLMRVKKFLIPSPDPKSTIFPGLEIHOGNFOEM 286
 Db 275 ITLIFYCW-LER-----MPPIPKNL-EDLVTEYQGNFSAM 310

RESULT 2

PCT-US94-02891-69
 ; Sequence 69, Application PC/TUS9402891
 ; GENERAL INFORMATION:

APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
 APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
 APPLICANT: SERVICES
 APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
 APPLICANT: INSTITUTES OF HEALTH, BOX 007, BETHESDA, MARYLAND 20892 USA
 TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
 NUMBER OF SEQUENCES: 69
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORGAN & FINNEGAN
 STREET: 345 PARK AVE.
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: USA
 ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC COMPATIBLE
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WORD PERFECT # 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US94/02891
 FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/031,143
 FILING DATE: 12-MAR-1993
 APPLICATION NUMBER: 08/121,435
 FILING DATE: 14-SEPT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAM S. FEILER
 REGISTRATION NUMBER: 26,728
 REFERENCE/DOCKET NUMBER: 2026-4061
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-758-4800
 TELEFAX: 212-751-6849

TELECOMMUNICATION INFORMATION:

TELEPHONE: 421792
 TELEFAX: 421792
 INFORMATION FOR SEQ ID NO: 69:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 369
 TYPE: AMINO ACID
 TOPOLOGY: UNKNOWN
 MOLECULE TYPE:
 DESCRIPTION: PROTEIN

HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 ORGANISM: MORINE
 INDIVIDUAL ISOLATE: IL-2R
 PCT-US94-02891-69

Query Match 10.3%; Score 205; DB 5; Length 369;
 Best Local Similarity 26.5%; Pred. No. 2e-13;
 Matches 75; Conservative 47; Mismatches 103; Indels 58; Gaps 16;

OY 31 QIOIIFNLETVQVWNSKYSR--TNLFHFRF--NGEADVQCTNLTLOGHSGCLD 87
 Db 59 EVOCEVFIEIEMNCTWNSSEPOATNLTLYRYKSDNNTFOECSHYLFSEKITSQCI- 117
 OY 88 AEQRDDI-LY----FSIRNGTHPVYASRMVYYIK-----PSPKHVRS----- 128
 Db 118 --QKEDIQYQTVVQLODPQK-----QRAVQKLNQNLVIRAPENLTLSNSESQLE 171
 OY 129 --WHODAVTVCSDSLSDLYEYQYRSPDTEMOSQEN--TCNVTTIEGLDAEKYCFWY 185
 Db 172 LRWKSRIKERC-----LQYLYQYNSNRDSMTLIVNHEPRFSLPSVDELKRYTFRY 224
 OY 186 RVKAMEDVYGPDPYPSDMSEVTCWQGEIRDACAEPTPPKPKL--SKFTLISLAILLM 243
 Db 225 RSR-YNPICGSSQOWSKSQPVHMGSHTYE-----NPSLFALEAVLIVGTGMLI 274
 OY 244 VSLILSLMKLMRVKKFLIPSPDPKSTIFPGLEIHOGNFOEM 286
 Db 275 ITLIFYCW-LER-----MPPIPKNL-EDLVTEYQGNFSAM 310

RESULT 3

US-08-052-205-7
 ; Sequence 7, Application US/08052205
 ; Patent No. 5510259
 ; GENERAL INFORMATION:

APPLICANT: SUGAMURA, KAZUO
 APPLICANT: TAKESHITA, TOSHIKAZU
 APPLICANT: ASANO, HIRONOBU
 APPLICANT: NAKAMURA, MASATAKA
 APPLICANT: SHIMAMURA, TOSHIRO
 APPLICANT: SUZUKI, MANABU
 APPLICANT: HAMURO, JUNJI
 TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 ADDRESS: P.C.
 STREET: 1755 S. Jefferson Davis Highway, Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Releasee #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/052,205
 FILING DATE: 19930422
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP 104947/1992
 FILING DATE: 23-APR-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: OBLON, NO. 5510259man F.
 REGISTRATION NUMBER: 24,618
 REFERENCE/DOCKET NUMBER: 10-615-0X
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 413-3000
 TELEFAX: (703) 413-2220

TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 347 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-052-205-7

Query Match 9.8%; Score 195; DB 1; Length 347;
Best Local Similarity 25.1%; Pred. No. 2.1e-12;
Matches 71; Conservative 56; Mismatches 98; Indels 58; Gaps 15;

OY 31 QIOLYFNLETVQYTNASKYSR-TNLTFHYRF-NGD-EAYDOCTNYLLQEGHTSGCLLD 87
DB 37 EVQCFVNEVEYMNCTWNSSEPOPTNLTLHYWKNSDNDKVKQCSHYLSEETITSCOL- 95
OY 88 AEQRDDILYFIRNGTHPVFTASRMWYLYLKPSPK-----HVFESMHQDAVTV- 136
DB 96 -QKEIHLY-----QTFVYQLODPREPRRQATQMLKQNLVIPMAPENLTLH 141
OY 137 ----TCSDSLXYGD-----LLYEQYRSPDTEW-QSKQENTCNVTIEGLDAKCYSPWY 185
DB 142 KLSQLELNNNRFLNHCLEHLVQYRTDMDHSWTEQSVDRKRFSLPSVDGGRRTFRY 201
OY 186 RYKAMEDYVGPDPYPSDMSEVTCWQGEIRNACAEPTLPKPKL--SKFLISSLAILLM 243
DB 202 RSR-FNPLCGSAQHWSEMSHPILW-----GSNTSKENPFLFAEAVVISVGSWGLI 251
OY 244 VSLLLSLMKLRVKRKKFLIPSPDKSIFPLGFEIHQGNFQEW 286
DB 252 ISLLCYFWM-LERT----MPRIPLKNELDLVTEYH-GNFSAW 288

RESULT 4
US-08-595-974-7
Sequence 7, Application US/08595974
Patent No. 5705608

GENERAL INFORMATION:

APPLICANT: SUGAMURA, KAZUO
APPLICANT: TAKESHITA, TOSHIKAZU
APPLICANT: ASAO, HIRONOBU
APPLICANT: NAKAMURA, MASATAKA
APPLICANT: SHIMAMURA, TOSHIRO
APPLICANT: SUZUKI, MANABU
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSES:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/595,974
FILING DATE: 06-FEB-1996
CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/052,205
FILING DATE: 22-APR-1993
APPLICATION NUMBER: JP 104947/1992
FILING DATE: 23-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5705608man F.

REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 10-615-0X
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 347 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-595-974-7

Query Match 9.8%; Score 195; DB 1; Length 347;
Best Local Similarity 25.1%; Pred. No. 2.1e-12;
Matches 71; Conservative 56; Mismatches 98; Indels 58; Gaps 15;

OY 31 QIOLYFNLETVQYTNASKYSR-TNLTFHYRF-NGD-EAYDOCTNYLLQEGHTSGCLLD 87
DB 37 EVQCFVNEVEYMNCTWNSSEPOPTNLTLHYWKNSDNDKVKQCSHYLSEETITSCOL- 95
OY 88 AEQRDDILYFIRNGTHPVFTASRMWYLYLKPSPK-----HVFESMHQDAVTV- 136
DB 96 -QKEIHLY-----QTFVYQLODPREPRRQATQMLKQNLVIPMAPENLTLH 141
OY 137 ----TCSDSLXYGD-----LLYEQYRSPDTEW-QSKQENTCNVTIEGLDAKCYSPWY 185
DB 142 KLSQLELNNNRFLNHCLEHLVQYRTDMDHSWTEQSVDRKRFSLPSVDGGRRTFRY 201
OY 186 RYKAMEDYVGPDPYPSDMSEVTCWQGEIRNACAEPTLPKPKL--SKFLISSLAILLM 243
DB 202 RSR-FNPLCGSAQHWSEMSHPILW-----GSNTSKENPFLFAEAVVISVGSWGLI 251
OY 244 VSLLLSLMKLRVKRKKFLIPSPDKSIFPLGFEIHQGNFQEW 286
DB 252 ISLLCYFWM-LERT----MPRIPLKNELDLVTEYH-GNFSAW 288

RESULT 5
US-08-052-205-4
Sequence 4, Application US/08052205
Patent No. 5510259

GENERAL INFORMATION:

APPLICANT: SUGAMURA, KAZUO
APPLICANT: TAKESHITA, TOSHIKAZU
APPLICANT: ASAO, HIRONOBU
APPLICANT: NAKAMURA, MASATAKA
APPLICANT: SHIMAMURA, TOSHIRO
APPLICANT: SUZUKI, MANABU
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSES:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/052,205
FILING DATE: 19930422
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 104947/1992

FILING DATE: 23-APR-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Oblon, No. 5510259man F.
 REGISTRATION NUMBER: 24,618
 REFERENCE/DOCKET NUMBER: 10-615-0X
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 413-3000
 TELEFAX: (703) 413-2220
 TELE: 248855 OPAT UR
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 369 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-052-205-4

Query Match 9.8%; Score 195; DB 1; Length 369;
 Best Local Similarity 25.1%; Pred. No. 2.4e-12;
 Matches 71; Conservative 56; Mismatches 98; Indels 58; Gaps 15;

QY 31 QIQLTYNLETVQVYTNWNSKYSR-TNLTFRHFR-NGD-EAYDQCTNYLLDEGHTSGCLD 87
 DB 59 EVQCFVFNVEYMNCTWNSSEPOPTNLTHTYKNSDNDKVQKSHYLFSEITSGCOL- 117
 QY 88 AEQRDLIYSIRNGTHPVFTASRWVYLLKPSSPK-----HVRFSWHDQAVTV- 136
 DB 118 -QKKEIHLV-----QTFVYQLODPRRPRQATQMLKQNLVTPMAPENLTTH 163
 QY 137 ----TCSDSLSDYGD-----LLYEVQYSPDTEW-OSKQENTCNVTIEGLDAKCYSEFW 185
 DB 164 KLSSEQLLELMNWNFLNHCLEHLVQYRTDWDHSTWTEOSVDYRHKFSLPSVDGQKRYTFRY 223
 QY 186 RYKAMEDVYGPDTYPSDSEVTCWQGEIRDAEPTTPPKPKL--SKFILLSSAILLM 243
 DB 224 RSR-FNPLCGSAOHMSWSPHITH-----GSNTSKENPFLFALNAVIVSGSMGLI 273
 QY 244 VSILLSLMKLWVKKFLIPSVDPKSIFFGLFEIHQGNFQEW 286
 DB 274 ISILCVYFW-LERT-----MRLPFLTKNLDELVTETH-GNFSAM 310

RESULT 6
 US-08-595-974-4
 Sequence 4, Application US/08595974
 Patent No. 5705608
 GENERAL INFORMATION:
 APPLICANT: SUGAMURA, KAZUO
 APPLICANT: TAKESHITA, TOSHIKAZU
 APPLICANT: ASAO, HIROMOBU
 APPLICANT: NAKAMURA, MASATARA
 APPLICANT: SHIMAMURA, TOSHIRO
 APPLICANT: SUZUKI, MANABU
 APPLICANT: HAMURO, JUNJI
 TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
 STREET: 1755 S. Jefferson Davis Highway, Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/595,974
 FILING DATE: 06-FEB-1996

CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/052,205
 FILING DATE: 22-APR-1993
 APPLICATION NUMBER: JP 104947/1992
 FILING DATE: 23-APR-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Oblon, No. 5705608man F.
 REGISTRATION NUMBER: 24,618
 REFERENCE/DOCKET NUMBER: 10-615-0X
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 413-3000
 TELEFAX: (703) 413-2220
 TELE: 248855 OPAT UR
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 369 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-595-974-4

Query Match 9.8%; Score 195; DB 1; Length 369;
 Best Local Similarity 25.1%; Pred. No. 2.4e-12;
 Matches 71; Conservative 56; Mismatches 98; Indels 58; Gaps 15;

QY 31 QIQLTYNLETVQVYTNWNSKYSR-TNLTFRHFR-NGD-EAYDQCTNYLLDEGHTSGCLD 87
 DB 59 EVQCFVFNVEYMNCTWNSSEPOPTNLTHTYKNSDNDKVQKSHYLFSEITSGCOL- 117
 QY 88 AEQRDLIYSIRNGTHPVFTASRWVYLLKPSSPK-----HVRFSWHDQAVTV- 136
 DB 118 -QKKEIHLV-----QTFVYQLODPRRPRQATQMLKQNLVTPMAPENLTTH 163
 QY 137 ----TCSDSLSDYGD-----LLYEVQYSPDTEW-OSKQENTCNVTIEGLDAKCYSEFW 185
 DB 164 KLSSEQLLELMNWNFLNHCLEHLVQYRTDWDHSTWTEOSVDYRHKFSLPSVDGQKRYTFRY 223
 QY 186 RYKAMEDVYGPDTYPSDSEVTCWQGEIRDAEPTTPPKPKL--SKFILLSSAILLM 243
 DB 224 RSR-FNPLCGSAOHMSWSPHITH-----GSNTSKENPFLFALNAVIVSGSMGLI 273
 QY 244 VSILLSLMKLWVKKFLIPSVDPKSIFFGLFEIHQGNFQEW 286
 DB 274 ISILCVYFW-LERT-----MRLPFLTKNLDELVTETH-GNFSAM 310

RESULT 7
 US-09-040-005-2
 Sequence 2, Application US/09040005
 Patent No. 6057128
 GENERAL INFORMATION:
 APPLICANT: Donaldson, Debra
 APPLICANT: Unger, Michelle
 TITLE OF INVENTION: MU-1 RECEPTOR
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genetics Institute, Inc.
 STREET: 87 Cambridgepark Drive
 CITY: Cambridge
 STATE: MA
 COUNTRY: USA
 ZIP: 02140
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/040,005
 FILING DATE:
 CLASSIFICATION:

NAME: WILSON, MARY J.
REGISTRATION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 1430-179
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 427 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-08-969-125-9

Query Match 8.1%; Score 162.5; DB 4; Length 427;
Best Local Similarity 21.4%; Pred. No. 8.6e-09;
Matches 70; Conservative 53; Mismatches 121; Indels 83; Gaps 12;

QY 31 QIQTIFNLETVQYTMNASKYSR--TNLTFHFRFNGDEAYDQCTNYLLQEGHSGCLDA 88
Db 131 ELQCIHNLHLSYKSCWLPGRMTSPDNTLTLYHRSLEKIHQCEH-IFREGQYRGCSFDL 189
QY 89 EQRDILYFSIRNGTHVFTASRMVYLLKPS-----SPKHYR-FSMHDAVT 135
Db 190 TKVADSSP-----EOSHVOIWKDNAGKIKPSFNIVPLTSRHKPDPPIKMLSFHNDLY 244
QY 136 V-----TCSDSLSDGLLYEVQY-RSPFDT-----EMSKQENTCNV 170
Db 245 VQWNPONFNTSR-----LFEYEVNNSQTEHNFVYQVAKCENPEFERNVENTSCF 297
QY 171 TIEGLDAEKYSFVWRYKAMEDVYGPDTYPSDMSEVTCWQGEIRDAQETPTPEPKPLS 230
Db 298 MVEGVLPDNTNTRIRKTKNLCYEDDKLMSNWSQ-----EHSICKKRNST 343
QY 231 KFIILSLAILMYSLLLSLMKMRVKKFLIPSPDPKSLFPGLF-----E 277
Db 344 LYTMILLIVYAGALIVLLYLRKLIIFPIPDGKIFKEMFGDQNDDTLHWKKYD 403
QY 278 IHQGNFOEWITDQNVNVAHLHMGAGAQ 304
Db 404 IYKQKE-----ETDSVYLIENTLKRAQ 427

RESULT 10
US-08-052-205-11
Sequence 11, Application US/08052205
Patent No. 5510259
GENERAL INFORMATION:
APPLICANT: SUGAMURA, KAZUO
APPLICANT: TAKESHITA, TOSHIKAZU
APPLICANT: ASAO, HIRONOBU
APPLICANT: NAKAMURA, MASATAKA
APPLICANT: SHIMAMURA, TOSHIO
APPLICANT: SUZUKI, MANABU
APPLICANT: HAMURO, JUNJI
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSES:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESS: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/052,205
FILING DATE: 19930422
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 104947/1992
FILING DATE: 23-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5510259man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 10-615-0X
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 230 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-052-205-11

Query Match 8.0%; Score 159.5; DB 1; Length 230;
Best Local Similarity 25.0%; Pred. No. 6.8e-09;
Matches 51; Conservative 42; Mismatches 70; Indels 41; Gaps 10;

QY 31 QIQTIFNLETVQYTMNASKYSR--TNLTFHFRF--NGD-EAYDQCTNYLLQEGHSGCLLD 87
Db 37 EVQCFVFNVEYMNCTMSSSEPOPTNLTLHYKNSDNDKYQKSHYLFSEITISGCL- 95
QY 88 AEQRDILYFSIRNGTHVFTASRMVYLLKPSPK-----HYRFSMHDAVT- 136
Db 96 -QKKEIHLY-----QTFVQLODPREPRRQATQMLKQNLVITWAPENLTLLH 141
QY 137 ---TCSDSLSDGLLYEVQYRSPFTEW-OSKQENTCNVLTIEGLDAEKYSFVW 185
Db 142 KLSQSLQLANNNFNLNCHLEHLYQRTDMDHMTWEGSVDRHRSFLSPVQGRYFRV 201
QY 186 RYKAMEDVYGPDTYPSDMSEVTCW 209
Db 202 RSR-FNPLCGSAOHMSEWSHPHW 224

RESULT 11
US-08-595-974-11
Sequence 11, Application US/08595974
Patent No. 5705608
GENERAL INFORMATION:
APPLICANT: SUGAMURA, KAZUO
APPLICANT: TAKESHITA, TOSHIKAZU
APPLICANT: ASAO, HIRONOBU
APPLICANT: NAKAMURA, MASATAKA
APPLICANT: SHIMAMURA, TOSHIO
APPLICANT: SUZUKI, MANABU
APPLICANT: HAMURO, JUNJI
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSES:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESS: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/595,974

;; FILING DATE: 06-FEB-1996
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/052,205
;; FILING DATE: 22-APR-1993
;; APPLICATION NUMBER: JP 104947/1992
;; FILING DATE: 23-APR-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: OBLON, No. 5705608man F.
;; REGISTRATION NUMBER: 24,618
;; REFERENCE/DOCKET NUMBER: 10-615-0X
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (703) 413-3000
;; TELEFAX: (703) 413-2220
;; TELEX: 248855 OPAT UR
;; INFORMATION FOR SEQ ID NO: 11:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 230 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
US-08-595-974-11

Query Match 8.0%; Score 159.5; DB 1; Length 230;
Best Local Similarity 25.0%; Pred. No. 6.8e-09;
Matches 51; Conservative 42; Mismatches 70; Indels 41; Gaps 10;

QY 31 QIQIIFNLETVQVNTWASKYSR-TNLTFHYRF-NGD-EAYDQCTNVLLEGHTSGCLLD 87
DB 37 EVQCFEYFNYMNCNTWSSSEPOPTNLTLHYWKNSDNDKVKCSHYLFSSEITSGCL- 95
QY 88 AEQRDILYFSIRNGTHPVFTASRMWVYVYKPSSPK-----HVRSWHDQAVTV- 136
DB 96 -QKKEIHLY-----QTFVYQLODDPREPRQATQMLKQNLVYIPAPENITLH 141
QY 137 ----TCSDSLSTYD-----LLYEVYRSPPTDEM-OSKQENTCNVTIEGLDAEKYCSFWY 185
DB 142 KLESEQLFLNMNRRFLNHCLEHLVQYRTDMDHSWTEQSVDYRHKFSLSVSDGQKRYTFRV 201
QY 186 RYKAMEDVYGPDTYPSDMSEVTCW 209
DB 202 RSR-FNPICGSAQHWSMESHPIHW 224

RESULT 12
US-08-052-205-9
; Sequence 9, Application US/08052205
; Patent No. 5510259
; GENERAL INFORMATION:
; APPLICANT: SUGAMURA, KAZUO
; APPLICANT: TAKESHITA, TOSHIKAZU
; APPLICANT: ASAO, HIRONOBU
; APPLICANT: NAKAMURA, MASATAKA
; APPLICANT: SHIMAMURA, TOSHIRO
; APPLICANT: SUZUKI, MANABU
; APPLICANT: HAMURO, JUNJI
; TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/052,205
;; FILING DATE: 19930422
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: JP 104947/1992
;; FILING DATE: 23-APR-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: OBLON, No. 5510259man F.
;; REGISTRATION NUMBER: 24,618
;; REFERENCE/DOCKET NUMBER: 10-615-0X
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (703) 413-3000
;; TELEFAX: (703) 413-2220
;; TELEX: 248855 OPAT UR
;; INFORMATION FOR SEQ ID NO: 9:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 252 amino acids
;; TYPE: AMINO ACID
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
US-08-052-205-9

Query Match 8.0%; Score 159.5; DB 1; Length 252;
Best Local Similarity 25.0%; Pred. No. 7.8e-09;
Matches 51; Conservative 42; Mismatches 70; Indels 41; Gaps 10;

QY 31 QIQIIFNLETVQVNTWASKYSR-TNLTFHYRF-NGD-EAYDQCTNVLLEGHTSGCLLD 87
DB 59 EVQCFEYFNYMNCNTWSSSEPOPTNLTLHYWKNSDNDKVKCSHYLFSSEITSGCL- 117
QY 88 AEQRDILYFSIRNGTHPVFTASRMWVYVYKPSSPK-----HVRSWHDQAVTV- 136
DB 118 -QKKEIHLY-----QTFVYQLODDPREPRQATQMLKQNLVYIPAPENITLH 163
QY 137 ----TCSDSLSTYD-----LLYEVYRSPPTDEM-OSKQENTCNVTIEGLDAEKYCSFWY 185
DB 164 KLESEQLFLNMNRRFLNHCLEHLVQYRTDMDHSWTEQSVDYRHKFSLSVSDGQKRYTFRV 223
QY 186 RYKAMEDVYGPDTYPSDMSEVTCW 209
DB 224 RSR-FNPICGSAQHWSMESHPIHW 246

RESULT 13
US-08-595-974-9
; Sequence 9, Application US/08595974
; Patent No. 5705608
; GENERAL INFORMATION:
; APPLICANT: SUGAMURA, KAZUO
; APPLICANT: TAKESHITA, TOSHIKAZU
; APPLICANT: ASAO, HIRONOBU
; APPLICANT: NAKAMURA, MASATAKA
; APPLICANT: SHIMAMURA, TOSHIRO
; APPLICANT: SUZUKI, MANABU
; APPLICANT: HAMURO, JUNJI
; TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/595,974

FILING DATE: 06-FEB-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,205
FILING DATE: 22-APR-1993
APPLICATION NUMBER: JP 104947/1992
FILING DATE: 23-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Ohlon, No. 5705608man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 10-615-0X
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 24885 OPAT UR
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-595-974-9

Query Match 8.0%; Score 159.5; DB 1; Length 252;
Best Local Similarity 25.0%; Pred. No. 7.8e-09;
Matches 51; Conservative 42; Mismatches 70; Indels 41; Gaps 10;

QY 31 QIQTFFNLETVQVWNASKYSR-TNLFPHYRF-NGD-EAYDOCTVYLLOEGHTSGCLD 87
DB 59 EVQCVFVNEVYMCNWSSEPOPTNLTLHWYKNSDNDKVKCSHYLSEELTSGQL- 117
QY 88 AEORDLYFYSIRNGTHPFTASRMWVYLYLKPSPK-----HVRFSMHQDAVTV- 136
DB 118 -QKRIHLY-----QTFVYLODPRPRRQATQMLKQNLVTPMAPENLTLH 163
QY 137 ---TCSLSYGD-----LLXEVYRSPDTEW-OSKOENTCNVTIEGDAEKCSFW 185
DB 164 KLESQLEIMNMRFLNHLHLVQYRTDMDSHWTEQSVDYRHKFLPSVDCQKRYTFYV 223
QY 186 RVKAMEDVYGPDTYPSDWEVTCW 209
DB 224 RSR-FNPLCGSAOHMSEWSHPJHW 246

RESULT 14
US-08-609-572-2
Sequence 2, Application US/08609572
Patent No. 5710023
GENERAL INFORMATION:
APPLICANT: Collins, Mary
APPLICANT: Donaldson, Debra
APPLICANT: Filtz, Lori
APPLICANT: Neben, Tamlyn
APPLICANT: Whilters, Matthew
APPLICANT: Wood, Clive
TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,572
FILING DATE:

CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: 615268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 383 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-609-572-2

Query Match 7.8%; Score 155; DB 1; Length 383;
Best Local Similarity 25.3%; Pred. No. 4.5e-08;
Matches 67; Conservative 34; Mismatches 106; Indels 58; Gaps 15;

QY 18 WMAIGGGGAARG-----VOIQTFFNLETVQVWNASK--YSRTNLFPHYRNGDEAYD 69
DB 117 WIENSYGISDEGSLKTIQDMKCIYNNQYLVCSKPKGTYVSDNTYTMFFWYEGLDHAL 176
QY 70 QCTVYLLOEGHTSGCL--LDAEORDLYFYSIRNGT--HPVFTASRMWVYLY--KP 119
DB 177 QCADYQLQDKNVCGKLSNLDSQYKD--FFICVNGSSKLEPI--RSSYVPOLOQNIYKP 232
QY 120 SSPK-----HVRFSMHQDA--VYVTCSDLSYGDLLYVQYRSPDTEWOSKOENT 167
DB 233 LPPEFLHSIVENSIDIRKRWSTPGPIPPRC-----YTYEIVLRD-DIWESATDKN 284
QY 168 CNVTIEGDAEKCSFWVRVAKMEDVY-GPDTYPSDWEVTCWQGEIRDACAEPTPTPK 226
DB 285 DMKLRRANESDLCFVRCAY--NICYADGINSWSEBECW-----EGYTGSD 332
QY 227 PKLSKFIILSLAILMWSLLSL 251
DB 333 ---SKIIFVPCLFIFILLLTL 354

RESULT 15
US-08-841-751-2
Sequence 2, Application US/08841751
Patent No. 6214559
GENERAL INFORMATION:
APPLICANT: Collins, Mary
APPLICANT: Donaldson, Debra
APPLICANT: Filtz, Lori
APPLICANT: Neben, Tamlyn
APPLICANT: Whilters, Matthew
APPLICANT: Wood, Clive
TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/841,751
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/609,572

FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Brown, Scott A.
 REGISTRATION NUMBER: 32,724
 REFERENCE/DOCKET NUMBER: G15268
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 498-8224
 TELEFAX: (617) 876-5851
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 383 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-841-751-2

Query Match 7.88; Score 155; DB 4; Length 383;
 Best Local Similarity 25.3%; Pred. No. 4.5e-08;
 Matches 67; Conservative 34; Mismatches 106; Indels 58; Gaps 15;

QY 18 WMLGGGAAG-----VOIITTFNLETVQVTWNAK--YSRTNLFHYRFGNDEAYD 69
 Db 117 WIEASYGISDEGSLSETKIQDMKCIYNNQYLVCSPKPKTYSDTNTMFEWYEGLDHAL 176
 QY 70 QCTNVLLOEGHTSGCL--LDAEQRDILYFSIRNGT--HPVFTASRMVYYL---KP 119
 Db 177 QCADYLOHDEKNVCGCKLSNDDSDYKD--FVICVNGSSKLEPI--RSSYTVFQLONIYKP 232
 QY 120 SSPK-----HVRFSWHQDA--VTVTCSDLSYGDLLEYVOYRSPPEDEWQSKQENT 167
 Db 233 LPPEFLHISVENSIDIRMKWSTPGGPIPPRC-----YTYEIVIREDD-DISWESATDKN 284
 QY 168 CNVTEGDAKCYEFWYRVRAKEDVY--GPDYTPSDWSFVTCWQGEIRDAQATPTTPPK 226
 Db 285 DMKLRANSEEDLCFVRCRY--NICYADDGIWSEWSEECW-----EGYTGPD 332
 QY 227 PKLSKFIISLAIIILWVSLLLSL 251
 Db 333 ---SKIFIVPCLPFFILLLLCL 354

Search completed: March 5, 2002, 12:47:07
 Job time: 1251 sec

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: March 5, 2002, 12:45:11 ; Search time 12.54 Seconds

(without alignments)
665.767 Million cell updates/sec

Title: US-09-376-430-2

Perfect score: 371

Sequence: 1 MGRVLVLMGAAVFLGGWMA.....DVTIGGTFVMDRSYVAL 371

Scoring table: OLIGO

Searched: 212252 seqs, 22503292 residues

Word size: 0

Total number of hits satisfying chosen parameters: 35098

Minimum DB seq length: 0

Maximum DB seq length: 7

Post-processing: Listing first 45 summaries

Database:

Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PTOS.COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
perfect greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	5	1.3	5	1	US-08-086-328C-160
2	5	1.3	5	3	US-08-812-586-33
3	5	1.3	6	2	US-09-127-574-9
4	5	1.3	6	4	US-09-135-021-76
5	5	1.3	7	1	US-08-350-884-19
6	5	1.3	7	1	US-08-709-173-19
7	5	1.3	7	1	US-08-594-447-7
8	5	1.3	7	1	US-08-541-964-6
9	5	1.3	7	2	US-08-709-177-19
10	5	1.3	7	2	US-08-665-647-21
11	5	1.1	4	1	US-08-470-837-13
12	4	1.1	4	2	US-08-817-279-2
13	4	1.1	4	4	US-08-435-568A-17
14	4	1.1	4	4	US-08-895-590-40
15	4	1.1	4	4	US-09-191-906A-4
16	4	1.1	4	4	US-09-171-654-54
17	4	1.1	5	1	US-07-690-284A-4
18	4	1.1	5	1	US-08-257-782-8
19	4	1.1	5	1	US-08-014-975-67
20	4	1.1	5	1	US-08-253-272-10
21	4	1.1	5	1	US-08-358-160-209
22	4	1.1	5	1	US-07-789-184-141
23	4	1.1	5	1	US-08-460-343B-36
24	4	1.1	5	1	US-08-460-343B-50
25	4	1.1	5	1	US-08-475-263-141
26	4	1.1	5	1	US-08-577-846-8
27	4	1.1	5	1	US-08-398-028B-36

28	4	1.1	5	1	US-08-398-028B-50	Sequence 50, App1
29	4	1.1	5	1	US-08-485-886-141	Sequence 141, App1
30	4	1.1	5	1	US-08-281-195A-19	Sequence 19, App1
31	4	1.1	5	1	US-08-281-195A-29	Sequence 29, App1
32	4	1.1	5	2	US-08-684-687-7	Sequence 7, App1
33	4	1.1	5	2	US-08-504-265B-36	Sequence 36, App1
34	4	1.1	5	2	US-08-504-265B-50	Sequence 50, App1
35	4	1.1	5	2	US-08-079-144-8	Sequence 8, App1
36	4	1.1	5	2	US-08-477-362-141	Sequence 141, App1
37	4	1.1	5	2	US-08-477-134-141	Sequence 141, App1
38	4	1.1	5	2	US-09-059-845-3	Sequence 3, App1
39	4	1.1	5	2	US-08-564-063-17	Sequence 17, App1
40	4	1.1	5	2	US-08-310-912A-62	Sequence 62, App1
41	4	1.1	5	3	US-09-012-126-3	Sequence 3, App1
42	4	1.1	5	3	US-08-473-489A-141	Sequence 141, App1
43	4	1.1	5	3	US-08-335-8657-11	Sequence 11, App1
44	4	1.1	5	3	US-08-485-695-141	Sequence 141, App1
45	4	1.1	5	3	US-08-981-122-63	Sequence 63, App1

ALIGNMENTS

RESULT 1
US-08-086-328C-160
; Sequence 160, Application US/08086328C
; Patent No. 5807980
; GENERAL INFORMATION:
; APPLICANT: Ignace Lasters, Marc De Maeyer
; APPLICANT: and William Charles Ripka
; TITLE OF INVENTION: BOVINE PANCREATIC TRYPSIN INHIBITOR
; TITLE OF INVENTION: DERIVED INHIBITORS OF FACTOR VIA-TISSUE
; NUMBER OF SEQUENCES: 294
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/086,328C
; FILING DATE: July 1, 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 07/952,801
; FILING DATE: September 25, 1992
; APPLICATION NUMBER: 07/913,232
; FILING DATE: July 13, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/211
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-086-328C-160

Query Match 1.3%; Score 5; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 24 GGAAE 28
|||||
Db 1 GGAAE 5

RESULT 2
US-08-812-586-33
; Sequence 33, Application US/08812586
; Patent No. 6048704
; GENERAL INFORMATION:
; APPLICANT: Martin David Tilson
; TITLE OF INVENTION: PURIFIED AND RECOMBINANT ANTIGENIC
; TITLE OF INVENTION: PROTEINS ASSOCIATED WITH ABDOMINAL AORTIC ANEURISM (AAA)
; TITLE OF INVENTION: DISEASE, AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/812,586
; FILING DATE: 07-MAR-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/53862-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-812-586-33

Query Match 1.3%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 LLLLS 250
|||||
Db 1 LLLLS 5

RESULT 3
US-09-127-574-9
; Sequence 9, Application US/09127574
; Patent No. 5985836
; GENERAL INFORMATION:
; APPLICANT: Bastek, Patrick
; APPLICANT: Lang, John M.
; APPLICANT: Baumbach, George A.
; APPLICANT: Carbonell, Ruben G.
; TITLE OF INVENTION: Alpha-1 Protease Inhibitor Binding Peptides

FILE REFERENCE: MSB-7248
; CURRENT APPLICATION NUMBER: US/09/127,574
; CURRENT FILING DATE: 1998-07-31
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 9
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-127-574-9

Query Match 1.3%; Score 5; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 252 WKLMR 256
|||||
Db 1 WKLMR 5

RESULT 4
US-09-135-021-76
; Sequence 76, Application US/09135021A
; Patent No. 6150104
; GENERAL INFORMATION:
; APPLICANT: Splawski, Igor
; APPLICANT: Keating, Mark T.
; TITLE OF INVENTION: A HOMOZYGOUS MUTATION IN KVLQ1 WHICH CAUSES JERVELL
; TITLE OF INVENTION: AND LANE-NIELSEN SYNDROME
; FILE REFERENCE: 2323-128
; CURRENT APPLICATION NUMBER: US/09/135,021A
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/874,655
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 76
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-135-021-76

Query Match 1.3%; Score 5; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 LMGAA 11
|||||
Db 1 LMGAA 5

RESULT 5
US-08-350-884-19
; Sequence 19, Application US/08350884
; Patent No. 5585258
; GENERAL INFORMATION:
; APPLICANT: HOUGHTON, MICHAEL
; APPLICANT: CHOO, OUI LIM
; APPLICANT: KIM, GEORGE
; TITLE OF INVENTION: HEPATITIS C VIRUS PROTEASE
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA

ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/350,884
FILING DATE: 06-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/680,296
FILING DATE: 04-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: CIOTTEI, THOMAS E.
REGISTRATION NUMBER: 21,013
REFERENCE/DOCKET NUMBER: 22300-20100.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-350-884-19

Query Match 1.3%; Score 5; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 337 SGGSL 341
|||||
Db 3 SGGSL 7

RESULT 6
US-08-709-173-19
Sequence 19, Application US/08709173
Patent No. 5712145
GENERAL INFORMATION:
APPLICANT: HOUGHTON, MICHAEL
APPLICANT: CHOO, QUI LIM
APPLICANT: KOO, GEORGE
TITLE OF INVENTION: HEPATITIS C VIRUS PROTEASE
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/709,173
FILING DATE: 06-SEP-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/680,296
FILING DATE: 04-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: CIOTTEI, THOMAS E.
REGISTRATION NUMBER: 21,013
REFERENCE/DOCKET NUMBER: 22300-20100.20
TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-709-173-19

Query Match 1.3%; Score 5; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 337 SGGSL 341
|||||
Db 3 SGGSL 7

RESULT 7
US-08-594-447-7
Sequence 7, Application US/08594447
Patent No. 5776716
GENERAL INFORMATION:
APPLICANT: Ron, Dorit
APPLICANT: Napolitano, Eugene W.
APPLICANT: Voronova, Anna F.
TITLE OF INVENTION: METHODS FOR IDENTIFYING AGENTS WHICH
BLOCK THE INTERACTION OF FYN WITH PKC-THETA, AND USES
THEREOF
NUMBER OF SEQUENCES: 75
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Avenue, NW - Ste. 5500
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/594,447
FILING DATE: 31-JAN-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 22550-20025.24
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 822-0168
TELEX: 90-4030 MRSNFOERSMWH
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Peptide
LOCATION: 1..7
OTHER INFORMATION: /label= beta-C2-3
US-08-594-447-7

Query Match 1.3%; Score 5; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 266 PDPKS 270
Db 2 PDPKS 6

RESULT 8
US-08-541-964-6
Sequence 6, Application US/08541964
Patent No. 5783405
GENERAL INFORMATION:
APPLICANT: Mochly-Rosen, Darla
APPLICANT: Ron, Dorit
APPLICANT: Kavarai, Lawrence W.
APPLICANT: Napolitano, Eugene W.
TITLE OF INVENTION: A RAPID SCREENING METHOD FOR EFFECTORS
TITLE OF INVENTION: OF SIGNAL TRANSDUCTION
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 PENNSYLVANIA AVENUE, NW-STE. 5500
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/541,964
FILING DATE: 10-OCT-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 22550-20025.23
TELEPHONE: (202) 887-1500
TELEFAX: (202) 822-0168
TELEX: 90-4030 MRSNFOERSH
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Peptide
LOCATION: 1..7
OTHER INFORMATION: /label= beta-C2-3
US-08-541-964-6

Query Match 1.3%; Score 5; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 266 PDPKS 270
Db 2 PDPKS 6

RESULT 9
US-08-709-177-19
Sequence 19, Application US/08709177
Patent No. 5885799
GENERAL INFORMATION:
APPLICANT: HOUGHTON, MICHAEL
APPLICANT: CHOO, QUI LIM

APPLICANT: KUO, GEORGE
TITLE OF INVENTION: HEPATITIS C VIRUS PROTEASE
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/709,177
FILING DATE: 06-SEP-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/680,296
FILING DATE: 04-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: CIOTTE, THOMAS E.
REGISTRATION NUMBER: 21,013
REFERENCE/DOCKET NUMBER: 22300-20100.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-709-177-19

Query Match 1.3%; Score 5; DB 2; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 337 SGGSL 341
Db 3 SGGSL 7

RESULT 10
US-08-665-647-21
Sequence 21, Application US/08665647
Patent No. 5935803
GENERAL INFORMATION:
APPLICANT: Dasquez, Nicki J.
APPLICANT: Ron, Dorit
APPLICANT: Voronova, Anna F.
APPLICANT: Napolitano, Eugene W.
TITLE OF INVENTION: METHODS TO IDENTIFY IMMUNOMODULATORS
TITLE OF INVENTION: USING COGNATE INTERACTION OF PKC-THETA
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Avenue, NW - Ste. 5500
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/665,647
FILING DATE: 18-JUN-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 22550-20025.25
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 822-0168
TELEX: 90-4030 MRSNFORSMH
INFORMATION FOR SEQ. ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Peptide
LOCATION: 1..7
OTHER INFORMATION: /label= beta-C2-3
US-08-665-647-21

Query Match 1.3%; Score 5; DB 2; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 266 PPKS 270
DB 2 PPKS 6

RESULT 11
US-08-470-837-13
; Sequence 13, Application US/08470837
; Patent No. 5800811
; GENERAL INFORMATION:
; APPLICANT: Niml, Marcel E.
; APPLICANT: Hall, Frederick L.
; APPLICANT: Tuan, Tai-Lan
; APPLICANT: Wu, Lingtao
; APPLICANT: Cheung, David T.
; TITLE OF INVENTION: Transforming Growth Factor B Fusion
; TITLE OF INVENTION: and
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 11150 Santa Monica Boulevard, Suite 400
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90025-3395
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,837
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Sharp, Janice A.
; REGISTRATION NUMBER: 34,051
; REFERENCE/DOCKET NUMBER: 30630-10S01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 310-445-1140
; TELEFAX: 310-445-9031
; INFORMATION FOR SEQ. ID NO: 13:
; SEQUENCE CHARACTERISTICS:

LENGTH: 4 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-470-837-13

Query Match 1.1%; Score 4; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 172 IEGL 175
DB 1 IEGL 4

RESULT 12
US-08-817-279-2
; Sequence 2, Application US/08817279
; Patent No. 5874530
; GENERAL INFORMATION:
; APPLICANT: SCHERKENBECK, JURGEN; PLANT, ANDREW; JESCHKE,
; APPLICANT: PETER; HARDER, ACHIM; MENCKE, NORBERT
; TITLE OF INVENTION: CYCLIC DESEIPEPTIDE SULFONYLATION,
; TITLE OF INVENTION: SULFENYLATION AND PHOSPHORYLATION
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sprung Kramer Schaefer & Briscoe
; STREET: 660 White Plains Road
; CITY: Tarrytown
; STATE: New York
; COUNTRY: USA
; ZIP: 10591-5144
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
; COMPUTER: Apple Macintosh 6500
; OPERATING SYSTEM: System 7.5
; SOFTWARE: Wordperfect 3.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/817,279
; FILING DATE: 10-APR-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP95/03926
; FILING DATE: 05-OCT-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 44 37 198.5
; FILING DATE: 18-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Kurt G. Briscoe
; REGISTRATION NUMBER: 33,141
; REFERENCE/DOCKET NUMBER: BAYER 9831-RGB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 332-1700
; TELEFAX: (914) 332-1844
; INFORMATION FOR SEQ. ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
US-08-817-279-2

Query Match 1.1%; Score 4; DB 2; Length 4;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 LLLL 249
DB 1 LLLL 4

RESULT 13
US-08-435-568A-17
; Sequence 17, Application US/08435568A
; Patent No. 6143298
; GENERAL INFORMATION:
; APPLICANT: Greve, Jeffrey M.
; APPLICANT: McClelland, Alan
; APPLICANT: Davis, Gary
; TITLE OF INVENTION: Soluble Truncated Forms of ICAM-1
; FILE REFERENCE: MCI 208.4C2D2
; CURRENT APPLICATION NUMBER: US/08/435,568A
; CURRENT FILING DATE: 1995-05-05
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO: 17
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Homo sapiens
US-08-435-568A-17

Query Match 1.1%; Score 4; DB 4; Length 4;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 305 ESGP 308
DB 1 ESGP 4

RESULT 14
US-08-895-590-40
; Sequence 40, Application US/08895590
; Patent No. 6207410
; GENERAL INFORMATION:
; APPLICANT: Hall, Linda M.
; APPLICANT: Ren, Dejian
; APPLICANT: Zheng, Wei
; APPLICANT: Dubald, Manuel Marcel Paul
; TITLE OF INVENTION: Genes Encoding an Insect Calcium Channel
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, LLP
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314-3187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/895,590
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/374,888
; FILING DATE: 19-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm M.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 022650-263
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4 amino acids
; TYPE: amino acid
; TOPOLOGY: linear

; MOLECULE TYPE: protein
US-08-895-590-40

Query Match 1.1%; Score 4; DB 4; Length 4;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 222 PRPP 225
DB 1 PRPP 4

RESULT 15
US-09-191-906A-4
; Sequence 4, Application US/09191906A
; Patent No. 6207643
; GENERAL INFORMATION:
; APPLICANT: Nachman, Ronald J
; APPLICANT: Garside, Christopher S
; APPLICANT: Tobe, Stephen S
; TITLE OF INVENTION: Mimetic Insect Allatostatin Analogs for Insect Control
; FILE REFERENCE: P.C. 0047.99-Ronald J. Nachman et al.
; CURRENT APPLICATION NUMBER: US/09/191,906A
; CURRENT FILING DATE: 1998-11-13
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO: 4
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Diptera punctata
US-09-191-906A-4

Query Match 1.1%; Score 4; DB 4; Length 4;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 338 GGSL 341
DB 1 GGSL 4

Search completed: March 5, 2002, 12:49:37
Job time: 266 sec